International Application No.: PCT/EP03/014621 International Filing Date: December 19, 2003 Preliminary Amendment Accompanying

**Substitute Specification** 

## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

## **Listing of Claims:**

- 1. (Currently Amended) A rotor blade tip for a wind-power plant rotor blade with an aerodynamic profile having a rotor blade leading edge and a rotor blade trailing edge-pressure side and a suction side, wherein the rotor blade tip (10) is curved or angled in the tip its end outer region (12) in the direction of the trailing edge pressure side (20) of the rotor blade and having and edge arc extending from the tip end in the direction of the pressure side (10, 12) in the plane of the rotor blade, characterized in that in its tip outer region the rotor blade tip narrows towards an the edge arc upper edge, and has an edge arc leading edge 32 and an edge arc trailing edge; wherein and the edge arc leading edge and the edge arc trailing edge extend equally in a predetermined, curved, particularly preferably elliptical gradient to the edge arc upper edge.
- 2. (Currently Amended) A—<u>The</u> rotor blade according to claim 1 eharacterised characterized in that the end region (12) extends at an angle of between 1 and 45 degrees relative to the thread axis-(14).
- 3. (Currently Amended) A—<u>The</u> rotor blade according to claim 2 eharacterised characterized in that the angle is in the region of 1 to 15 degrees.
- 4. (Currently Amended) A-The rotor blade according to one-of the preceding claims claim 1 characterised characterized in that the trailing edge of the rotor blade (10)-blends fluidly into the trailing edge (20)-of the end region-(12).

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5. (Currently Amended) A—<u>The</u>rotor blade according to claim 4 eharacterisedcharacterized in that the trailing edge (20)—of the end region (12)—is of a predetermined radius of curvature.

- 6. (Currently Amended) A—<u>The</u> rotor blade according to claim 5 characterized by an increasing curvature towards the rotor blade tip.
- 7. (Currently Amended) A-The rotor blade according to one of the preceding claims claim 1 characterised characterized in that the end region (12) is in the form of an independent portion which can be fitted into the rotor blade (10).
- 8. (Currently Amended) A-The rotor blade according to one-of-the preceding claims claim 1 characterised characterized in that the end region (12)-forms at most 1/3 of the rotor blade length.
- 9. (Currently Amended) A-<u>The</u> rotor blade according to claim 7 or elaim 8-characterised characterized in that the end region (8)-has a region of reduced cross-section for fitting into the rotor blade (10).
- 10. (Currently Amended) A—<u>The</u>rotor blade according to claim 9 eharacterised characterized in that at least one opening is provided in the region of reduced cross-section.
- 11. (Currently Amended) A—<u>The</u> rotor blade according to <del>one of</del> <del>claims</del> claim 7 to 10 characterised characterized in that the end region (12) is hollow.

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12. (Currently Amended) A—<u>The</u> rotor blade according to claim 11 eharacterisedcharacterized in that provided at its end remote from the afflux flow is an opening for water drainage.

- 13. (Currently Amended) A—<u>The</u> rotor blade according to claim 12 characterised characterized in that a tube portion adjoins the opening.
- 14. (Currently Amended) A-The rotor blade according to one of the preceding claims claim 1 characterised characterized by a region (13)-between the rotor blade root (11)-and the end region-(12), which region is angled in the direction of the leading edge.
- 15. (Currently Amended) A-The rotor blade according to one of the preceding claims claim 1 characterised characterized in that the rotor blade (10) comprises glass fibre fiber-reinforced plastic material and that conductive elements for lightning conduction are incorporated into the rotor blade (10) and are in conductive contact with the end region (12).
- 16. (Currently Amended) A—<u>The</u> rotor blade tip for a rotor blade according to one of the preceding claims claim 1 characterised characterized in that the rotor blade tip (30) is in the form of an independent portion which can be fitted into the end region (12) of the rotor blade (10).
- 17. (Currently Amended) A rotor blade tip for a rotor blade with an aerodynamic profile having a pressure side and a suction side, wherein the rotor blade tip is curved or angled in its outer region in the direction of the pressure side of the rotor blade, characterised that the outer region narrows.

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18. (Currently Amended) A-The rotor blade tip according to claim 17 characterised characterized in that in the region of the curve the rotor blade profile blends fluidly into the profile of the outer region.

- 19. (Currently Amended) A-<u>The</u> rotor blade tip according to claim 17 or claim 18 characterised characterized in that the cross-sectional plane of the outer region extends at a predetermined angle relative to the cross-sectional plane of the rest of the rotor blade (10).
- 20. (Currently Amended) A—<u>The</u> rotor blade tip according to <del>one of</del> elaims claim 17 to 19 characterised characterized in that the rotor blade tip (30) is in the form of an independent portion which can be fitted into the rotor blade (10).
- 21. (Currently Amended) A-<u>The</u> rotor blade tip according to <del>one of elaims</del>-<u>claim</u> 16 to 20 characterised characterized in that the rotor blade tip (30) has a region of reduced cross-section for fitting into the rotor blade (10).
- 22. (Currently Amended) A-The rotor blade tip according to claim 21 characterised characterized in that at least one opening is provided in the region of reduced cross-section.
- 23. (Currently Amended) A-The rotor blade tip according to one of claims claim 16 to 22 characterised characterized in that the rotor blade tip (30)-is hollow.
- 24. (Currently Amended) A-<u>The</u> rotor blade tip according to claim 23 characterised in that provided at its end remote from the afflux flow is an opening for water drainage.

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25. (Currently Amended) A-<u>The</u> rotor blade tip according to claim 24 characterisedcharacterized in that a tube portion adjoins the opening.

- 26. (Currently Amended) A—<u>The</u> rotor blade tip according to <del>one of elaims claim</del> 16 to 25 characterised characterized in that it comprises metal, in particular aluminium.
- 27. (Currently Amended) A rotor blade having a rotor blade tip according to one of claims claim 17-to 26.
- 28. (Currently Amended) A rotor blade having a rotor blade tip according to one of claims claim 17-to-26, characterised characterized in that the rotor blade (10) comprises glass fibre fiber-reinforced plastic material and that conductive elements for lightning conduction are incorporated into the rotor blade (10) and are in conductive contact with the rotor blade tip (30).
- 29. (Currently Amended) A wind power plant comprising a rotor provided with at least one rotor blade according to one of the preceding claimsclaim 1.